Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 09 Jul 2023 until 23:59 on Monday 10 Jul 2023

Forecast Issued on Saturday 08 Jul 2023 at 14:24

Confidence: High for unsettled weather to continue for the next few days, but lower confidence in rain and shower details.

Headline for Sunday 09 Jul 2023: Dry and cloudy to start with some sunny spells, before scattered heavy and thundery showers move in through the late afternoon.

Mountain weather hazards on Sunday 09 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Cloudy	Cloudy	Cloudy	Thundery showers	Thundery showers	Partly cloudy (night)
Precipitation probability							
10%	20%	10%	10%	20%	60%	60%	20%

Forecast for Sunday 09 Jul 2023

Weather: Cloudy overnight, with some low cloud and fog affecting western slopes early on. Low cloud clearing through the morning, with one or two breaks in high cloud giving the occasional sunny spells through the early afternoon. Heavy and thundery showers then push in from the southwest through the late afternoon, becoming more isolated into the late evening, with hail and gusty winds also possible at times. Dry overnight.

Chance of cloud-free hill tops above 600m: 30% western slopes early, 60% elsewhere. Becoming 90% everywhere through the morning.

Low Cloud and visibility: Banks of low cloud cover western slopes first thing, with cloud bases down to 300-400m. This clearing during the morning, with broken high cloud comfortably above summits, and remaining so for the rest of the day. Visibility generally very good, but falling to poor or very poor in early low cloud and afternoon heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 09 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/8 S	6/9 SW	5/8 SW	7/11 SW	10/16 SW	7/13 SW	8/12 S	7/10 SW	7/12 SW
300	2/5 NW	2/7 W	2/6 SW	5/10 S	7/13 SW	7/12 SW	4/10 S	3/9 SW	3/10 SW
Valley	2/3 NE	1/4 SW	2/5 SW	5/9 S	7/14 SW	5/10 SW	6/11 S	3/7 SW	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/14	13/13	13/12	14/13	16/14	17/15	14/13	12/11	11/9
300	15/15	14/14	15/15	17/16	19/18	19/18	16/16	13/13	12/12
Valley	15/16	14/15	15/16	18/18	20/19	20/20	17/16	14/14	13/13
Freezing Level*	2700m	2500m	2200m	2200m	2400m	2500m	2500m	2400m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy downpours, lightning, hail and gusty winds near showers will make for extremely treacherous walking conditions during the afternoon and evening. High UV levels are forecast, so having sun protection is essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 08 Jul 2023	2.8mm	2.8mm	4.2mm

Forecast for Monday 10 Jul 2023

Weather: After a dry and cloudy start with some sunny spells, a band of rain and blustery showers moves across the region from the southwest through the afternoon, giving some heavy and persistent rain. Showers becoming more sporadic into the evening.

Maximum wind: Southwesterly 12-17 mph, gusting up to 20-25 mph.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Cloud generally remaining above summits, although lowering in heavy rain during the afternoon and evening, which could see some higher peaks briefly shrouded in cloud at times. Visibility generally good at first, becoming poor in rain and showers later

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 18 Celsius.
At 600m: Plus 12 Celsius, rising to Plus 18 Celsius.
Freezing level: Above summits.

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